(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 8 July 2004 (08.07.2004)

PCT

(10) International Publication Number WO 2004/057038 A1

(51) International Patent Classification7:

C21B 13/00

(21) International Application Number:

PCT/KR2003/002815

(22) International Filing Date:

23 December 2003 (23.12.2003)

(25) Filing Language:

Korean

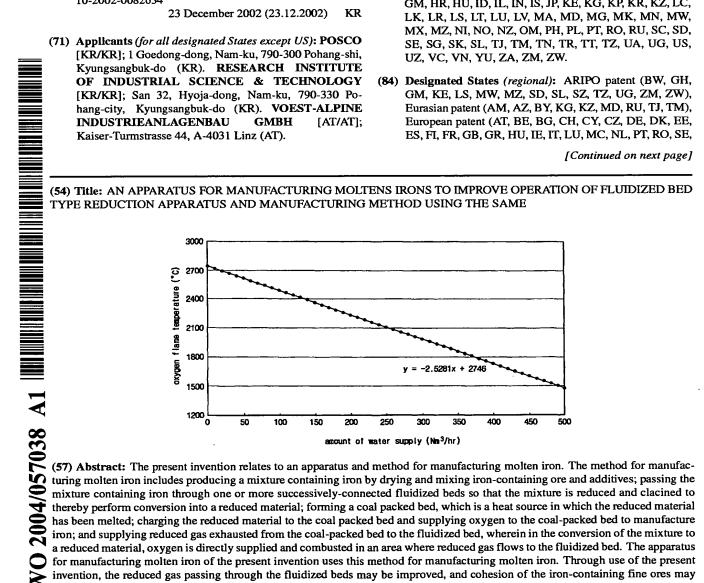
(26) Publication Language:

English

(30) Priority Data: 10-2002-0082634

> 23 December 2002 (23.12.2002) KR

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): oung-Kyun [KR/KR]; San 32, Hyoja-dong, Nam-ku, 790-330 Pohang-city, Kyungsangbuk-do (KR). LEE, Jun-Hyuk [KR/KR]; San 32, Hyoja-dong, Nam-ku, 790-330 Pohang-city, Kyungsangbuk-do (KR).
- (74) Agent: YOU ME PATENT & LAW FIRM; 825-33 Teheran Bldg., Yoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,



for manufacturing molten iron of the present invention uses this method for manufacturing molten iron. Through use of the present invention, the reduced gas passing through the fluidized beds may be improved, and cohesion of the iron-containing fine ores may be prevented.



WO 2004/057038 A1



SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report